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Application Number	10/805,156
Filing Date	03/19/2004
First Named Inventor	JOEL B. SHUFELDT
Art Unit	3745
Examiner Name	NGUYEN, N.
Attorney Docket Number	4570.91

Sheet	1	of	7
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Signature	<i>Maria H. Nguyen</i>	Date Considered	07/22/05
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Signature Mona A. El-Masry

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2of 17**Complete if Known**

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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Jha		US- 3,982,848	09-28-1976	SCHONWALD ET AL.	
		US- 4,006,998	02-08-1977	SCHONWALD	
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		US- 4,932,833	06-12-1990	WIEJA ET AL.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
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Examiner Signature	<i>Minh H. Nguyen</i>	Date Considered	07/22/05
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FOREIGN PATENT DOCUMENTS

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Examiner Signature	Mink H. Mansler
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Signature: [Signature]

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Alm		US- 5,569,023	10-29-1996	ISHIDA ET AL.	
		US- 5,658,126	08-19-1997	WERNER ET AL.	
		US- 5,697,152	12-16-1997	YAMAZAKI ET AL.	
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Alm		US- 4,150,732	04-24-1979	HOCH ET AL.	

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**Examiner
Signature**

Alvin H. Benson

Date
Considered

07/22/05

Signature Minato T. S. Sison 01/27/2018

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<p style="text-align: center; font-weight: bold;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>10/805,156</td></tr> <tr><td>Filing Date</td><td>03/19/2004</td></tr> <tr><td>First Named Inventor</td><td>JOEL B. SHUFELDT</td></tr> <tr><td>Art Unit</td><td>3745</td></tr> <tr><td>Examiner Name</td><td>NGUYEN, N.</td></tr> <tr><td>Attorney Docket Number</td><td>4570.91</td></tr> </table>	Application Number	10/805,156	Filing Date	03/19/2004	First Named Inventor	JOEL B. SHUFELDT	Art Unit	3745	Examiner Name	NGUYEN, N.	Attorney Docket Number	4570.91
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Sheet <u>5</u> of <u>7</u>													

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dalm		US- 4,189,027	02-19-1980	DEAN, III ET AL.	/	
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	nlm		US- 5,700,983	12-23-1997		VONDROSS
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
alm	A	LORI A. BRADY, "Application of the Herschel-Quincke Tube Concept to Higher-Order Acoustic Modes in Two-Dimensional Ducts", March 1, 2002,	
	B	G.M. DIEHL, "Think Quiet", Compressed Air, 1971, pp. 1-34	
	C	JOHAN LILJENCRANTS, "Working of Acoustic Resonators", Mechanical Music Digest, June 23, 2001, pp.1-2	
	D	LARRY HANSON, "Hybrid Circuit Technology", November, 1984, Lake Publishing Corp.	
	E	AHMET SELAMET, "New Tool Helps Automakers Silence Irritating Noise", http://researchnews.osu.edu/archive/whistle.htm , April 1, 2002	
	F	"Effectiveness of Adjacent Reactive Absorbers", March 27, 2000; http://www.deicon.com/technote/adjacent_resonators_deicon.pdf	
	G	Y.P. SOH, E.W.T. YAP and B.H.L. GAN, "Industrial Resonator Muffler Design", 2001; http://www.mecheng.adelaide.edu.au/courses/undergrad/projects/level4papers2001/soh_yap_gan.pdf	
	H	J.W. MOONEY, "Helmholtz Resonator Sound Absorbers", April 2000; http://www.jwmooney.com/wcpub/page45.html	
	I	"Helmholtz Resonance" 2000, Modified on 6/19/03 by Joe Wolfe BSc Qld, BA UNSW, PhD ANU. University of New South Wales Sydney, Australia, http://www.phys.unsw.edu.au/jw/Helmholtz.html	
alm	J	Fuji Ring Compressors" Published in 1996 in the Fuji Blowers product catalog by Fuji Electric Company. Web page address for updated catalog: http://www.airpowerproducts.com/fuji/index.shtml#operation	

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